

using said first proxy and said first processing means, encoding said object oriented programming language based message into an operating system based message at run time;

transmitting said operating system based message to said second process at run time;

decoding, using a second processing means, said operating system based message into a language based message;

[providing] transmitting, using said second processing means, said object oriented programming language based message to said second object.

2. (Amended) The method of claim 1 further including the steps of:

said second object executing said object oriented programming language based message, using said second processing means, and generating an object oriented programming language based result;

encoding, using said second processing means, said object oriented programming language based result into an operating system based result at run time;

transmitting, using said second processing means, said operating system based result to said first process at run time;

decoding said operating system based result into an object oriented programming language based result at run time, using said first processing means;

[providing] transmitting, using said first processing means, said object oriented programming language based result to said first object.

5. (Amended) The method of claim 2 wherein the step of executing said object oriented programming language based message further [including] includes the steps of:

said second object determining, using said second processing means,
whether additional information is needed to execute said object oriented
programming language based message;

said second object generating, using said second processing means, an
object oriented programming language based query if it is determined that
additional information is needed;

encoding, using said second processing means, said object oriented
programming language based query into an operating system based query at
run time if it is determined that additional information is needed;

transmitting said operating system based query to said first process at
run time, using said second processing means if it is determined that
additional information is needed;

decoding, using said first processing means, said operating system based
query into an object oriented programming language based query at run time
if it is determined that additional information is needed;

[providing] transmitting, using said first processing means, said object
oriented programming language based query to said first object if it is
determined that additional information is needed.

6. (Amended) The method of claim 5 further including the steps
of:

said first object generating, using said first processing means, an object
oriented programming language based reply to said object oriented
programming language based query;

encoding said object oriented programming language based reply into
an operating system based reply at run time, using said first processing means;

transmitting, using said first processing means, said operating system
based reply to said second process at run time;

decoding, using said second processing means, said operating system
based reply into an object oriented programming language based reply at run
time;

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[providing] transmitting, using said second processing means, said object oriented programming language based reply to said second object.

11. (Amended) A method for sending an object oriented programming language based message having dynamic binding from a first object in a first process to a second object in a second process, said method comprising the steps of:

[providing] transmitting, using a first processing means, said object oriented programming language based message to a first proxy in said first process;

using said first proxy and said first processing means, encoding said object oriented programming language based message into an operating system based message at run time;

transmitting, using said first processing means, said operating system based message to said second process at run time;

decoding, using said second processing means, said operating system based message into an object oriented programming language based message at run time;

[providing] transmitting, using said second processing means, said object oriented programming language based message to said second object;

said second object generating an object oriented programming language based query, using said second processing means;

creating, using said second processing means, a second proxy in said second process;

[providing] transmitting, using said second processing means, said object oriented programming language based query to said second proxy;

using said second proxy and said second processing means, encoding said object oriented programming language based query into an operating system based query at run time;

transmitting, using said second processing means, said operating system based query to said first process at run time;

decoding, using said first processing means, said operating system based query into an object oriented programming language based query at run time;

[providing] transmitting, using said first processing means, said object oriented programming language based query to said first object;

said first object generating an object oriented programming language based reply, using said first processing means;

encoding, using said first processing means, said object oriented programming language based reply into an operating system based reply at run time;

transmitting, using said first processing means, said operating system based reply to said second process at run time;

decoding, using a second processing means, said operating system based reply into an object oriented programming language based reply at run time;

[providing] transmitting, using said second processing means, said object oriented programming language based [message] reply, using said second processing means, and generating an object oriented programming language based result;

encoding, using said second processing means, said object oriented programming language based result into an operating system based result at run time;

transmitting, using said second processing means, said operating system based result to said first process at run time;

decoding, using said first processing means, said operating system based result into an object oriented programming language based result;

[providing] transmitting, using said first processing means, said object oriented programming language based result to said first object.